

LABORATORY REPORT

Name	: ADAM EHAB HAMOUDA	File. No.	: AAL02-299301
DOB/Gender	: 06-03-2007 (16 Yrs 1 Month 6 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22231010506	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 11-04-2023 22:16	Clinic File No	: 38053
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.86 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	17.4 ^H	g/dl	13.0 - 17.0	Photometry-SLS
HCT	49.1	%	40.0 - 50.0	Hydrodynamic focusing
MCV	83.8	fl	83.0 - 101.0	Calculation
MCH	29.7	pg	27-32	Calculation
MCHC	35.4 ^H	g/dL	31.5 - 34.5	Calculation
Platelet Count	237	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	5.86	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	45.1	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	41.8 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.5	%	2.0-10.0	Flow Cytometry
Eosinophils	4.9	%	1 - 6	Flow Cytometry
Basophils	0.7	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	2.64	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.45	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.44	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.29	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.04	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

These tests are accredited under ISO 15189:2012 unless specified by (*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertains only the sample tested and to be correlated with clinical history.

Reference range related to Age/Gender.

Dr. Solmaz Siddiqui
Laboratory Director
DHA/LS/248469

H/L Collected On : 11-04-2023 19:00:00
Authenticated On : 12-04-2023 01:31:36
Printed On : 12-04-2023 13:59:20

Received On : 11-04-2023 22:43:00
Released On : 12-04-2023 01:40:38



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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Test Name	Result	Units	Ref. Range	Method
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Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
CRP - quant (serum)	0.85	mg/L	< 5.0	Immunoturbidimetric
Magnesium (serum)	1.83	mg/dL	1.70 - 2.20	Enzymatic
Vitamin B12 (serum)	780.0	pg/mL	187.0 - 883.0	CMA

The reference range of Vitamin B12 given is that of kit insert.

Recommendation: According to latest guideline normal B12 level >400 pg/ml

Sample Type : Serum

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
Cortisol - PM (serum)	4.8	ug/dL	2.5 - 12.5	CLIA

Concentration of biotin greater than 1500 ng/mL may affect the patient result.

TSH (serum)	1.8627	μIU/mL	0.3500 - 4.9400	CMIA
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Sample Type : Serum

----- End Of Report -----

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